unprocessed pixels. The emphasis filter applies a plurality of filter coefficient to the

same image in parallel. To select one of the processed results, the intensity information

is used to define a strong emphasis result. Using the emphasis filter result, a 1/N weak

correction unit 38 applies a 1/Nth correction amount to generate a weak emphasis result.

A smooth process unit 39 further filters out a wide range of the input data to generate

smoothly transitioned pixel positions by effectively eliminating the noise. Among the

strong emphasis result, the weak emphasis result and the smoothed result, an edge

processing unit 40 applies an appropriate process based upon an edge signal that is

indicative of an outline portion. Based upon the edge signal and the image reproduction

mode from the operational unit, the selection path is switched.

In the Claims:

Please add the following new claims

42~

43. The method of processing image data according to claim 1 wherein the

predetermined coefficients are stored in gamma correction tables, one of the gamma

correction tables being selected based upon said outline characteristics.

43.

44. The system for processing image data according to claim 26 wherein said

storage unit stores the predetermined coefficients in a plurality of gamma correction

tables, said space filter process unit selecting one of the gamma correction tables being

based upon the outline characteristics and the image intensity level.